



## AIROW GUN™ WARRANTY INFORMATION

Airow Gun warrants this product to be free from defects in materials and workmanship for a period of 180 days from the original date of purchase by the initial owner/purchaser. This warranty does not apply to defects discovered after purchase that were caused by the unauthorized modifications and alterations of our product. This warranty will be voided if damage occurs due to improper operation, dropping the product, attempting to dismantle or modify it, using inferior quality ammo or foreign objects, failure to carry out routine maintenance or any other cosmetic modifications.

Airow Gun will replace, without charge, any of its Airow Gun products that have failed through defect in material or workmanship. Airow Gun is dedicated to providing you with the ultimate in shooting products and the quality support necessary to satisfactorily enjoy the sport.

### **Warranty and Repair Procedure**

If you should encounter any problems with your Airow Gun, please use the following steps to initiate the warranty or non-warranty repair process:

1. Contact the Airow Gun Customer Service line at **877-477-0293**. You will be given a return authorization number (RA). Legibly write this number on the outside of the box.  
Ship or deliver your product(s) to:  
**Airow Gun Warranty & Repair 90554 Highway 99 North, Eugene, Oregon 97402**
2. Postage and delivery charges must be prepaid.
3. Include a brief statement regarding the requested repair work. We will return ship it to you usually within 72 hours after we receive it via regular ground shipment. If you wish to have it returned using a faster service, you can request NEXT DAY AIR or SECOND DAY AIR. You will be charged for this service and must include your credit card number with the expiration date. Your card will be charged the difference in additional cost over regular ground shipping service.
4. If returning within the 180-day warranty period from the date of purchase, return the Airow Gun with a copy of the original sales receipt. Be sure to include your full name, address & phone number.
5. If your Airow Gun needs repair after the 180-day warranty period, contact Airow Gun toll free at **877-485-1707** and we will advise you how to return your gun for repair. If the gun is repairable you will be given a return authorization number and an estimated cost of the repair plus the cost of return shipping.

### **Disclaimer of Liability**

By accepting this archery product, buyer agrees to hold harmless the manufacturer and all associated parties from liability for any damage to persons or property which may result, for any reason, from the use of this product.

Designed & Manufactured by Romney Motion, Inc.

**romney** *motion*

# AIROW GUN™

**Warranty & Tech Support**

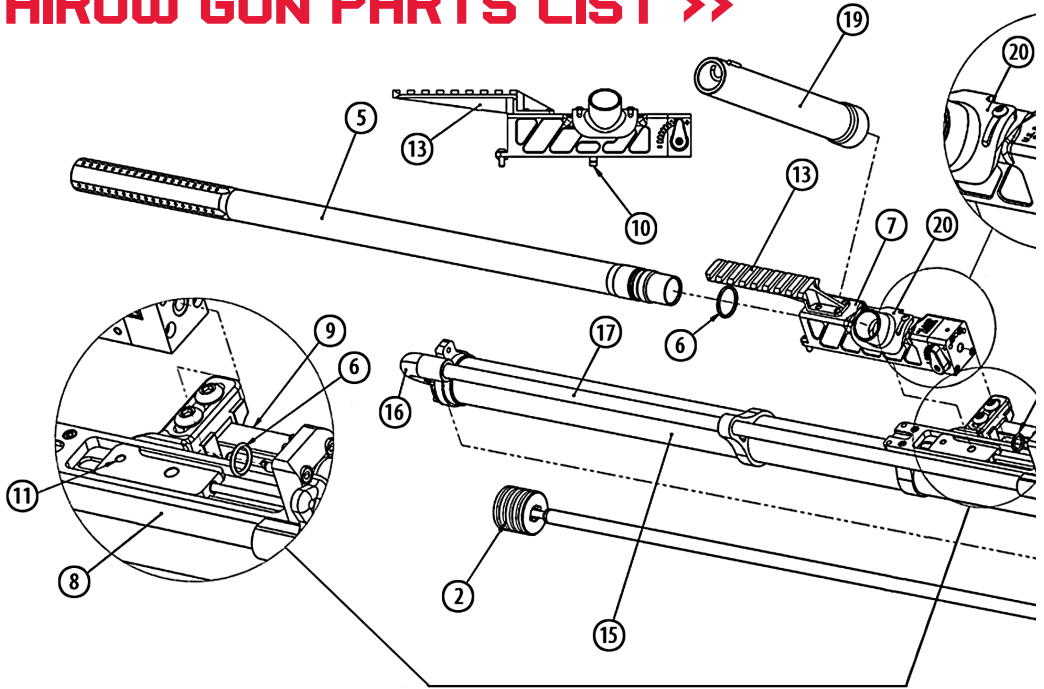
**877-477-0293**

Patent Pending · [www.AirowGun.com](http://www.AirowGun.com) · © 2007 Airow Gun Products





# AIROW GUN PARTS LIST >>



## WARRANTY INFORMATION

All Diamond bows are backed with a Lifetime Warranty to the original owner. The following exclusions apply.

### Exclusions:

Warranty applies to the original owner only, is non-transferable and does not apply to internet sales.

**Components Not Covered:** Cables, strings, bearings, paint and/or film dipped finishes are not included in warranty.

**Damage Not Covered:** Damage caused by abuse, mishandling, dry-firing, alteration or modification to original product, mod screws backing out or shooting of arrows less than five grains per pound of draw weight will render the warranty void.

**Warranty Card:** For the Warranty to be in effect, the Warranty card must be completed and properly

returned to Diamond, with a copy of the purchase receipt, within 30 days of purchase.

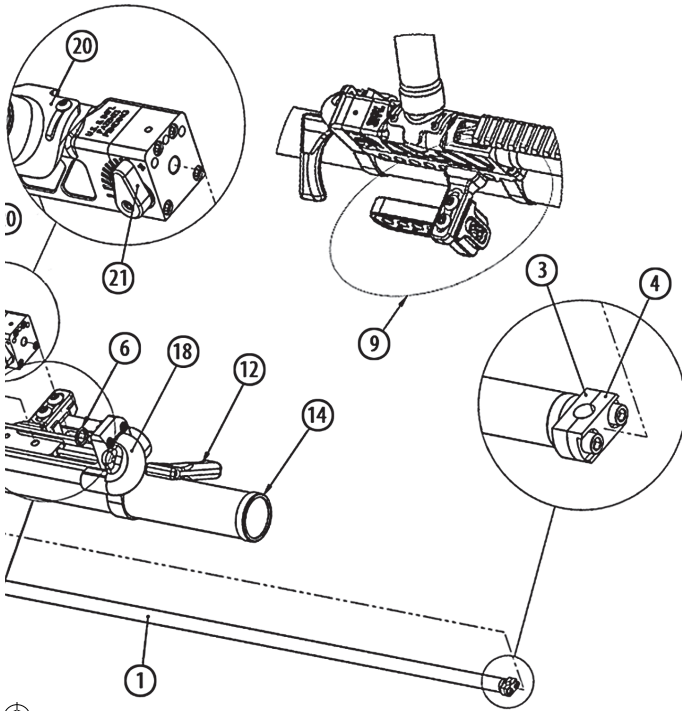
The Diamond Warranty covers only bows bought from Authorized Diamond Dealers and not from internet sales. Contact Diamond to confirm that the person you are buying from is an authorized dealer.

### Warranty Service:

Our goal at Diamond with all warranty returns is to have the bow shipped out the door and on it's way back to you within 72 hours of receiving it in our facility. You are our greatest asset and we will strive to give you the highest quality and most efficient service in the industry.

All products returned for warranty service must be returned to the dealer for inspection and diagnosis of any problem. Your Authorized Diamond Dealer can help you determine whether factory service is required.





1. Aluminum arrow
2. Plunger
3. Nock
4. Nock clamp
5. Detachable barrel
6. Rubber O-ring
7. Receiver
8. Receiver mount
9. Riser mounting bracket
10. Cocking peg
11. Cocking slide hole
12. Cocking mechanism lever
13. Elevated scope mount
14. Arrow safety ring
15. Large air chamber tube
16. Front air transfer case
17. Small air chamber tube
18. Rear air transfer case
19. Paintball staging tube
20. R/L Adjustable paintball feed
21. Air pressure control valve

The bow owner is responsible for the return freight to Diamond, and Diamond will in turn, pay for the return freight of the repaired product. In the event that a bow must be returned for factory service, a Return Authorization (RA) number must first be obtained through your dealer.

If your bow cannot be repaired, we reserve the right to replace your bow with a newer model.

Diamond reserves the right to make parts substitutions on warranty coverage at Diamond's sole discretion and for any reason.

**Bows returned to the factory without an RA number will be refused. All bows must include the following:**

**A large, readable RA number printed clearly on the outside of the box.**

**A copy of the sales receipt.**

**Must be sent freight prepaid.**

**No COD shipments will be accepted.**

Do not include accessories unless otherwise instructed. Diamond will not be responsible for loss or damage to any accessory left on the bow when shipped.

All methods of shipping by UPS or FED-EX only. Sender should insure all shipments.

#### *Disclaimer of Liability*

*By accepting a Diamond archery product, buyer agrees to hold harmless Diamond and all associated parties from liability for any damage to persons or property, which may result, for any reason, from the use of this product.*



**Warranty & Tech Support  
877-477-0293**





# AIROW GUN<sup>TM</sup>

## PAINTBALL USER'S MANUAL

**ADULT SUPERVISION OF ALL CHILDREN UNDER THE AGE OF 18 IS REQUIRED. THE AIROW GUN IS NOT RECOMMENDED FOR CHILDREN UNDER SEVEN (7) YEARS OF AGE.**

### << WARNINGS AND PRECAUTIONS >>

1. **The Airow Gun is not a toy.** Misuse or careless use may result in serious injury or death. For maximum safety and enjoyment, always exercise caution, common sense, and safety rules when shooting the Airow Gun.
2. **Treat the Airow Gun as if it were loaded.** Always check to see if it is loaded when removed from storage.
3. **Never fire your Airow Gun with people around (including yourself) who are not wearing proper paintball-approved goggles.** All persons within a 200 yard radius should always wear eye protection.
4. **Never fire your Airow Gun at the personal property of others.** Paintballs can stain and may destroy windows of automobiles and homes.
5. **Check your target and beyond.** Be certain you have a safe backstop and that no person or property could be endangered.
6. **Learn how to properly handle, load, unload, operate, fire and care for your Airow Gun.**
7. **To avoid ricochet, never shoot at the surface of water, rocks or pavement.**
8. **Keep the muzzle clear.** Never obstruct the muzzle of the Airow Gun or allow it to come into contact with the ground.
9. **Always keep your Airow Gun unloaded until ready to fire.** Be sure that it is unloaded before cleaning.
10. **Store the Airow Gun and paintballs separately beyond the reach of children.**
11. **Avoid alcoholic beverages before and during the use of the Airow Gun.** Handling while under the influence of drugs or alcohol is a criminal disregard for public safety.
12. **Your Airow Gun is designed for target shooting and is suited for both indoor and outdoor use. Have Fun and Shoot Safe!**

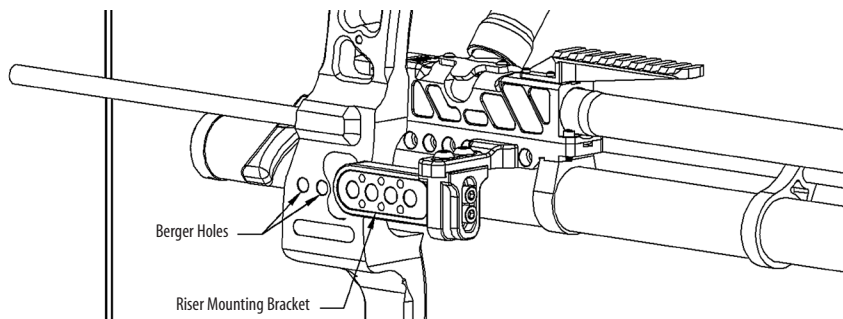
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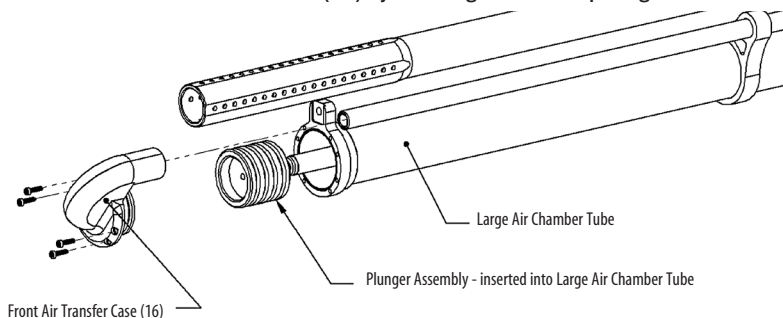
# AIROW GUN ASSEMBLY INSTRUCTIONS »

For Use With The Diamond Edge and Cutter bows

Please refer to the back page of these instructions for full parts list and diagram.



1. Position Arow Gun as shown in the illustration with the Riser Mounting Bracket (9) over large berger holes of bow riser.
2. Align the two center holes of Riser Mounting Bracket with the berger holes. Insert 2 bolts into the berger holes and lightly tighten.
3. Remove the Front Air Transfer Case (16) by removing screws and pulling out.



## UNDERSTANDING YOUR DIAMOND BOW »

**BEFORE USING YOUR NEW DIAMOND BOW, READ AND UNDERSTAND THE FOLLOWING STATEMENTS:** Your new Diamond bow is a highly tuned, precise shooting machine. The string, cables, and limbs are under extreme tension.

**WARNING:** When drawing a bow for inspection or demonstration, never release the string at full draw to let down. Doing so could cause personal injury or damage the bow. Only pull back your bow with the AIROW GUN attached.

**DO NOT** attach anything to the cables or string that could cause them to wear or become cut. This will void the warranty.

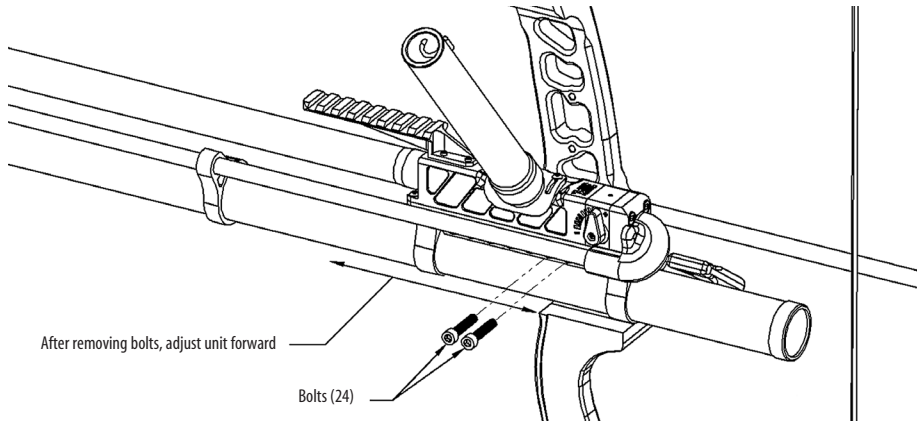
Any alteration from the factory specifications or the adjustments outlined herein will void the factory warranty. ALL maintenance must be performed at an Authorized Diamond Dealer.

### Setting the Peak Weight

All bows perform best at peak weight but are adjustable approximately 10 pounds downward depending on the model. When adjusting draw weight on models without pivoting limb pockets, one full 360-degree turn on both limb bolts equals 2-5 lbs. depending on the bow model. Do not turn limb bolts more than 2-1/2, 360-degree turns.



4. Separate the Small Air Chamber Tube (17) from the Rear Air Transfer Case (18) and slide it forward to expose bolts.
5. Next, remove bolts and adjust the position of the Airow Gun forward. Replace bolts into the two rear holes located directly beneath the Air Pressure Control Valve (21), and retighten bolts. Replace Small Air Chamber Tube (17).



6. Insert the Plunger Assembly (1) & (2), arrow end first, into the front end of the Large Air Chamber Tube (refer to step 3 illustration, where you just removed the Front Air Transfer Case).
7. Push Front Air Transfer Case back into position. Do not reinstall screws yet (until step 10). The arrow shaft will extend past the string.
8. Push the Plunger Assembly into the Large Air Chamber Tube until it hits the end. On the arrow shaft, make a mark flush with the edge of Large Air Chamber Tube.
9. Remove Front Air Transfer Case. Pull Plunger Assembly out of the Large Air Chamber Tube and cut the arrow shaft at the mark you made.

**WARNING: DO NOT TURN THE LIMB BOLTS MORE THAN THE RECOMMENDED AMOUNT.** This could cause the limbs to break out of their pockets, resulting in bodily injury.

Proper lubrication of the axles and limb pockets limits wear and tear. Add enough lubricant to these areas to create a barrier between each working part and to optimize the performance of the bow. NOTE: Only industry standard lubricants should be used. DO NOT USE WD-40.

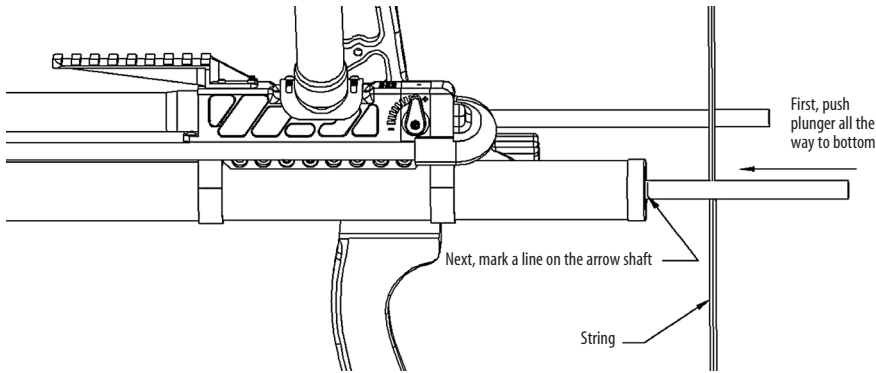
**WAX THE STRING OFTEN.** We recommend BCYML 6 synthetic string wax or an equivalent product. To wax the string, apply wax liberally to entire length of string. Rub briskly with fingers until the

string appears slick. Remove all excess wax with a clean cloth. We recommend that you wax every other time you shoot your bow to lengthen the life of your string and cable sets.

Replace the string and cables once a year or every 2,500 shots to maintain optimum performance.

Examine your bow for wear and tear before you shoot (mod screws, axles, bushings, cables, cable slide and string). If any one of these items shows excessive wear, contact your Authorized Diamond Dealer to have them install new Diamond replacement parts.

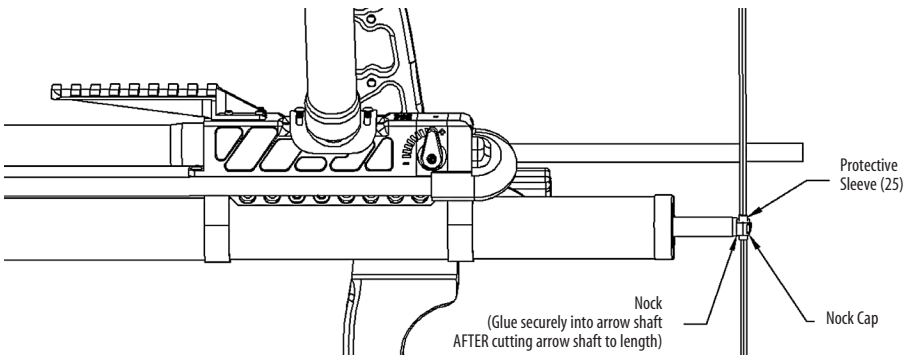




10. Replace Plunger Assembly inside Large Air Chamber Tube. Replace Front Air Transfer Case and reinstall screws. The arrow shaft should now be flush with the rear edge of the Large Air Chamber Tube when pushed all the way in.

11. Glue and insert the nock into the end of the arrow shaft.

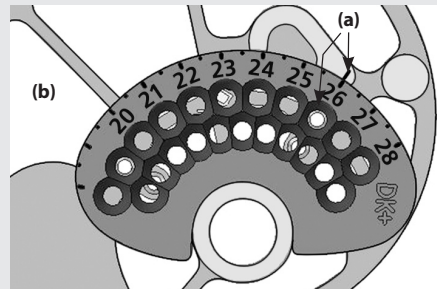
12. Place a plastic String Protector onto the string. Install the nock and the nock cap in the same position where you would normally nock an arrow. Tighten screws.



**ADJUSTING THE DRAW LENGTH.** The Cutter and The Edge feature a dual cam, single pivoting module system. The module in each cam has multiple positioning holes for adjusting draw lengths from 18" - 28", in 1/2" increments. No bow press is needed to change draw lengths.

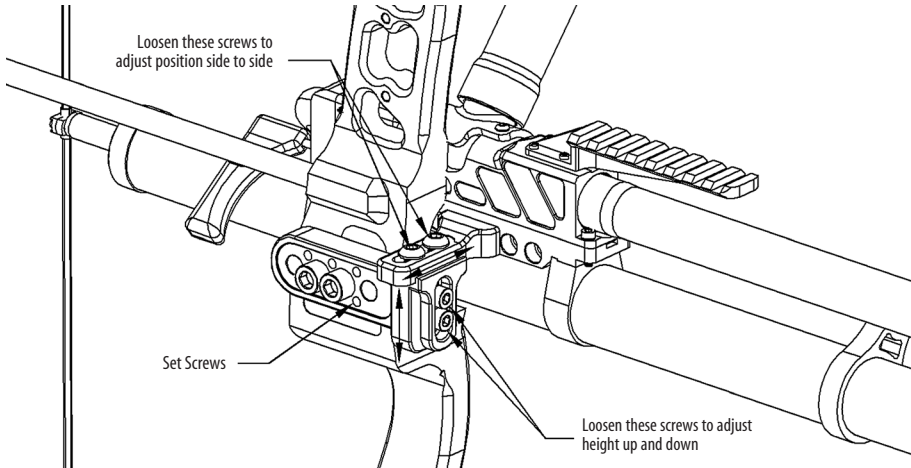
Using an Allen wrench, remove the two positioning mod screws from the module. Rotate the module aligning the desired draw length with the machined mark on the cam (see example). (a) Insert the mod screw in the desired draw length hole and tighten, then (b), place a mod screw in an open threaded hole that is furthest away from the draw length hole and tighten.

Repeat the process on the second cam making sure the draw length and mod screws are in the identical position as the first cam.



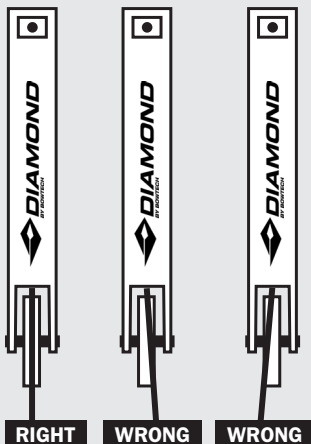
**Example:** Positioned for a 26" draw length.





13. The Airow Gun must now be adjusted to center the arrow shaft in the Large Air Chamber Tube. There are two directions of adjustment as shown above. Make necessary adjustments and retighten bolts.
14. Once everything is set and adjusted, tighten the Set Screws in the Riser Mounting Bracket to lock the Airow Gun into position. This will make small dimples in your riser but will keep the Airow Gun from moving.
15. Before you shoot, be sure to check that:
  - a. The nock is properly glued into the arrow shaft.
  - b. The arrow shaft is centered in the Large Air Chamber Tube.

## YOU ARE NOW READY TO SHOOT YOUR AIROW GUN.



**KEEPING THE STRING IN TRACK.** Its important when the bow is held at full draw that the string is kept in a straight line with the cams. Pulling the string to the left or right of the cams could cause the string to become detached.

While at full draw, quickly look up at the top cam to make sure that the string is centered in the cam track. Once the string is centered you are ready to release the string and fire the bow.

**DRAWING THE BOW.** The bowstring is drawn back using the first three fingers of the right hand. Draw the string all the way back, bringing the right index finger near the corner of your mouth to ensure the maximum amount of thrust will come from your Airow. If you are left-handed, be sure that your bow drawing a bow that is built for a left-handed archer.

**AIMING THE BOW.** Instinctively aim the bow with both eyes open and release towards the target.

